

**CITY OF FRANKLIN WATER UTILITY  
65-751**

**PROGRAM:** Water Utility

**PROGRAM MANAGER(S):** Board of Water Commissioners, Manager,  
& Superintendent of Water/Sewer

**PROGRAM DESCRIPTION:**

The City of Franklin Water Utility is a separate corporation run by the Franklin Board of Water Commissioners. The Water Utility is accounted for as an Enterprise Fund. The Water Utility purchases its water from the City of Oak Creek. Water activities handled by City personnel include maintenance and monitoring of the water system located within the City. Water bills are based on water usage. Costs of Water Department employees are allocated to water operations based on activities performed.

**SERVICES:**

- Operate and maintain well and pump houses.
- Inventory, install and maintain meters. Inventory and maintain valves, hydrants, telemetry, reservoirs, and elevated towers.
- Respond to and resolve water customer complaints and concerns.
- Perform present time and follow up inspection on all new utility construction.
- Bills and collects amounts due for water services.

**STAFFING:** Water Utility and Sanitary Sewer Division share employees. The percentage varies yearly based on activities performed. For 2006 it is anticipated at 50%:

<b>Authorized Positions (FTE)</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>
Water Superintendent	.50	.50	.50	.50	.50	.50
Operator II	1.00	1.00	1.00	1.00	1.00	1.00
Operator I	.00	.00	.00	.50	.50	.50
Water Technician	3.00	3.00	3.00	3.00	3.00	3.50
Clerk/Typist	.25	.37	.25	.25	.25	.63
Seasonal Maintenance	.12	.38	.15	.15	.30	.30
<b>Total Water</b>	<b>4.87</b>	<b>5.25</b>	<b>4.90</b>	<b>5.40</b>	<b>5.55</b>	<b>6.43</b>
<b>Total of Water &amp; Sewer</b>	<b>9.75</b>	<b>10.50</b>	<b>9.80</b>	<b>10.80</b>	<b>11.10</b>	<b>12.85</b>

**ACTIVITY MEASURES:**

<b>Activity</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005*</b>	<b>2006*</b>
Miles of Water Main	92.0	95.0	98.0	124.5	127.5	131.7
Avg. No.-Water Utility Customers	4,572	4,670	4,695	5311	6675	7000
Avg. Daily Consumption (Gallons)	1.815m	1.875m	1.864m	1.929m	2.5m	2.9m
Number of Fire Hydrants	1,200	1,250	1,362	1,726	1,825	1,900

\* Forecast

## BUDGET SUMMARY:

- 1) The 2005 revenue and water purchases have increased due to the inclusion of two areas in the eastern part of Franklin that were previously served by the Oak Creek Water and Sewer Utility on a retail basis that effective October 26, 2004 are now being served by the Franklin Water Utility.
- 2) Personal Services increase reflects a .5 FTE employee included for 2006 and continuation of the Sanitary Sewer Rehabilitation Program. More of the sewer and water personnel are being used for water purposes. The last addition to the Utility was in 2004. The previous addition was in 2000. According to PSC reports, the most recent being 2004, in that 5 year span the Utility has added over 53 miles of main, 200 hydrants, a 24" service connection at Puetz Road, 1,700 new customers and growth in 2005 that is unprecedented. A good portion of the additions came from the Oak Creek acquisition, but it is growth of the Utility all the same and these are customers and infrastructure that needs service and maintenance.
- 3) Capital Expenditures:
  1. **Utility Building Concept Design** - Estimate for 5550 W. Airways - **\$8,000**
  2. **14" Stihl Saw & cart** - This would replace a Wacker saw purchased in 1991. We use it to make street cuts for water/sewer repairs and to cut materials used for repairs. **\$1,600 - 50% of \$3,200 cost**
  3. **Gas fired high pressure power washer** – Used for equipment cleaning and sanitizing. **\$2,000 - 50% of \$4,000 cost**
  4. **Replacement computer** – Superintendent's machine to replace existing Compac, keeping in line with recommended 5 year replacement policy. **\$2,250 – 50% of \$4,500 cost**
  5. **Flat screen monitor** – Monitor to be used on SCADA computer. **\$500 – 50% of \$1,000 cost**
  6. **External hard drive** - Storage systems for data backup at SCADA and local lift station computers. **\$1,000 – 50% of \$2,000 cost**
  7. **Canon 710 Facsimile** – This unit will replace a 1997 Canon L4000. This Fax is used to receive Diggers Hotline locate requests for the City of Franklin. These are requests for water, sewer and electrical utilities that are owned by the City of Franklin. The current machine has had over 74,000 pages logged. **\$1,350 - 50% of \$3,700 cost.**
  8. **Van** – This van will be used primarily for Diggers Hotline locating personnel. It will be specified as a "less than full size" vehicle to carry equipment needed to carry out the locate requests in the City of Franklin. The unit would be priced and bid thru V.A.L.U.E. and purchased at the low bid dealer. The existing unit will have in excess of 130,000 miles before replacement, with actual run time equal to a much higher equivalent. The van often runs for 6 or 7 hours a day as it is used as a "mobile shop". **\$15,000 – 50% of \$30,000 cost**
  9. **Roof repairs** – These are repairs needed on the Sewer & Water building at 5550 W. Airways Avenue and have been specified by the Building maintenance Supervisor and his consultant. **\$9,000 – 50% of \$18,000 cost**

**10. Asbestos Abatement** - Well #10, located at 10299 Whitnall Edge Circle, has a wall board installed that is manufactured with an asbestos material. This covering is starting to crack and flake off. An abatement specialist was called in the spring of 2005 to check the situation and give his opinion and recommendations. This was done as an estimate so no charges were incurred. The result of the inspection was basically to have it removed or covered with another material so that it was not exposed to human occupants.

Covering a dangerous material and having it come back and haunt the Utility at some later time isn't a good practice. The Utility is now aware of the situation and removal is the best and final way to handle the problem. **\$15,000**

**11. New Development Meters** - meters are used only for new residential, commercial and industrial installations. Repairs and replacements are taken from the operating budget. **\$80,000**

CITY OF FRANKLIN 2006 BUDGET		2003 Actual	2004 Actual	2005 Adopted	2005 Amended	2005 Estimate	2006 Depl/Request	2006 Request	2006 Adopted	Percent Change
<b>WATER UTILITY</b>										
<b>REVENUE</b>										
Metered Revenue										
Metered Sales-Residential	65.44611	1,421,365	1,251,511	1,762,000	1,762,000	1,957,750	1,801,000	1,801,000	1,801,000	
Metered Sales-Commercial	65.44612	664,720	619,272	625,000	625,000	765,505	748,000	748,000	748,000	
Other Sales to Public Author	65.44640	224,901	195,966	266,000	266,000	217,463	225,000	225,000	225,000	
Metered Sales-Industrial	65.44613	177,860	195,477	141,000	141,000	160,231	266,000	266,000	266,000	
Total Metered Revenue		2,488,846	2,262,226	2,794,000	2,794,000	3,100,950	3,040,000	3,040,000	3,040,000	8.6%
Other Water Revenue										
Public Fire Protection	65.44630	510,247	451,489	496,000	496,000	515,082	516,000	516,000	516,000	
Private Fire Protection	65.44614	79,030	65,975	58,000	58,000	70,744	66,000	66,000	66,000	
Forfeited Discount	65.44700	18,209	23,936	24,000	24,000	27,331	24,500	24,500	24,500	
Unmetered Sales	65.44600	1,793	7,105	5,000	5,000	-6,847	500	500	500	
Total Miscellaneous Revenue		609,279	548,504	583,000	583,000	606,311	607,000	607,000	607,000	4.1%
Total Water Utility Revenue		3,098,125	2,810,730	3,377,000	3,377,000	3,707,261	3,647,000	3,647,000	3,647,000	8.0%
<b>EXPENDITURES</b>										
Source of Supply:										
Source of Supply: Operations Labor	65.751.56000	1,267	492	6,000	6,000	6,000	3,000	3,000	3,000	
Wholesale Water	65.751.56010	1,269,562	1,285,481	1,600,000	1,600,000	1,704,613	1,664,000	1,670,000	1,670,000	
Operation Supplies & Expense	65.751.56020	3,902	7,272	8,000	8,000	8,000	8,000	8,000	8,000	
Maint of Water Source plant	65.751.56050	8,428	867	16,000	16,000	16,000	8,000	8,000	8,000	
Sub-total Source of Supply		1,283,159	1,294,113	1,630,000	1,630,000	1,734,613	1,683,000	1,689,000	1,689,000	3.6%
Pumping										
Pump Exp - Operations Labor	65.751.56200	102,657	87,297	90,000	90,000	90,000	93,600	93,600	93,600	
Pump Exp - Fuel	65.751.56220	37,721	37,555	42,000	42,000	46,000	45,000	45,000	45,000	
Pump Exp - Oper Supplies	65.751.56230	78	0							
Pump Exp - Main Labor Pump Plant	65.751.56250	919	123	4,000	4,000	4,000	4,200	4,200	4,200	
Pump Exp - Main Exp Pump Plant	65.751.56251	13,399	9,570	8,000	8,000	8,000	10,000	10,000	10,000	
Sub-total Pumping		154,774	134,545	144,000	144,000	148,000	152,800	152,800	152,800	6.1%
Water Treatment										
Water Treat Operation Labor	65.751.56300	780	0	0	0	0	0	0	0	
Water Treat Tests	65.751.56301	881	4,095	3,200	3,200	3,200	3,200	3,200	3,200	
Water Treat Chemicals	65.751.56310	386	80	500	500	500	500	500	500	
Water Treat Supplies	65.751.56320	0	0							
Water Treat Maint Labor	65.751.56350	0	0	500	500	0	500	500	500	
Water Treat Maint Expenses	65.751.56351	40	0	500	500	0	500	500	500	
Subtotal Water Treatment		2,087	4,175	4,700	4,700	3,700	4,700	4,700	4,700	0.0%

CITY OF FRANKLIN 2006 BUDGET		2003 Actual	2004 Actual	2005 Adopted	2005 Amended	2005 Estimate	2006 Dept/Request	2006 Request	2006 Adopted	Percent Change
Transmission & Distribution										
Trans & Dislr Operation Labor	65.751 56400	19,715	9,298	20,000	20,000	20,000	20,800	20,800	20,800	
Trans & Dislr Op Supp Exp	65.751 56410	17,353	18,741	20,000	20,000	20,000	20,000	20,000	20,000	
Maint Labor- Distr Reservoir	65.751 56500	787	0	1,000	1,000	1,000	1,000	1,000	1,000	
Maint Expenses- Distr Reservoir	65.751 56501	10,294	0	7,000	7,000	7,000	2,000	2,000	2,000	
Maintenance Labor - Mains	65.751 56510	34,203	34,089	42,000	42,000	42,000	43,700	34,100	34,100	
Maintenance Expense - Mains	65.751 56511	14,808	3,917	18,000	18,000	18,000	18,000	18,000	18,000	
Locating Labor - Mains	65.751 56512						9,600	9,600	9,600	
Maint Labor - Services	65.751 56520	11,044	9,511	14,000	14,000	14,000	14,600	10,000	10,000	
Maint Expense - Services	65.751 56521	15,029	21,967	20,000	20,000	20,000	20,000	20,000	20,000	
Locating Labor - Services	65.751 56522						9,600	9,600	9,600	
Maint Labor - Meters	65.751 56530	8,424	8,540	23,000	23,000	23,000	23,900	28,900	28,900	
Maint Expense - Meters	65.751 56531	2,956	21,439	30,000	30,000	30,000	40,000	40,000	40,000	
Maint Labor - Hydrants	65.751 56540	11,876	9,092	8,000	8,000	8,000	8,000	8,000	8,000	
Maint Expenses - Hydrants	65.751 56541	8,286	4,728	8,000	8,000	8,000	8,000	8,000	8,000	
Maint Labor - Plant	65.751 56550	12,693	15,298	16,000	16,000	16,000	17,700	6,700	6,700	
Maint Expenses - Plant	65.751 56551	9,625	336	7,000	7,000	7,000	7,000	18,000	18,000	
Sub-total Transmission & Distribution		177,093	156,956	234,000	234,000	234,000	244,700	254,700	254,700	8.8%
Customer Accounts										
Meter Reading Labor	65.751 59010	5,024	3,627	6,000	6,000	6,000	6,300	6,300	6,300	
Acct & Collection Labor	65.751 59020	4,065	3,030	9,000	9,000	9,000	9,400	9,400	9,400	
Acctg & Coll Payroll Exp	65.751 59021	12,000	10,400	10,800	10,800	10,800	11,200	11,200	11,200	
Supplies & Expense	65.751 59030	8,933	5,835	10,000	10,000	10,000	12,000	12,000	12,000	
Sub-total Customer Accounts		30,022	22,891	35,800	35,800	35,800	38,900	38,900	38,900	8.7%
Administrative & General										
Admin & Gen Salaries - Leave Time	65.751 59200	30,386	53,998	54,000	54,000	54,000	56,200	56,200	56,200	
Admin & general Payroll Exp	65.751 59201	40,000	44,300	46,000	46,000	46,000	47,800	47,800	47,800	
Office Supplies	65.751 59210	2,504	3,205	4,000	4,000	4,000	4,000	4,000	4,000	
Conferences/Dues/Subscriptions	65.751 59211	3,863	2,549	4,000	4,000	4,000	4,000	4,000	4,000	
Outside Services	65.751 59230	32,127	28,217	45,000	45,000	45,000	45,000	45,000	45,000	
Property Insurance	65.751 59240	27,700	30,000	31,200	31,200	31,200	35,900	35,900	35,900	
Employee Pension/Benefits	65.751 59260	115,722	116,117	127,000	127,000	127,000	134,600	140,000	140,000	
Regulatory Commission Exp	65.751 59280	9,752	68,701	5,000	5,000	5,000	5,000	5,000	5,000	
Misc General Expense	65.751 59300	139	3,603	1,000	1,000	1,000	1,000	1,000	1,000	
Transportation Expenses	65.751 59330	8,864	12,295	10,000	10,000	10,000	13,000	13,000	13,000	
Maintenance of General Plant	65.751 59350	475	0	7,500	7,500	7,500	7,500	7,500	7,500	
Sub-total Administrative & General		271,532	362,985	334,700	334,700	334,700	354,000	359,400	359,400	7.4%
Operation & Maintenance Expenses - subtotal		1,918,667	1,975,665	2,383,200	2,383,200	2,490,813	2,478,100	2,499,500	2,499,500	4.9%
Depreciation	65.761 54030	290,398	250,144	320,000	320,000	265,000	275,000	275,000	275,000	
Taxes - Property Tax Equivalent	65.761 54080	462,500	633,039	700,000	700,000	700,000	738,000	738,000	738,000	
Taxes - FICA	65.761 54081	20,235	17,947	21,000	21,000	21,000	22,000	22,000	22,000	
Total Operating Expenses		2,691,800	2,876,795	3,424,200	3,424,200	3,476,813	3,513,100	3,534,500	3,534,500	3.2%
Operating Income		406,325	-66,065	-47,200	-47,200	230,448	133,900	112,500	112,500	
Non Operating Income ( Expenses)										
Interest Income	65.44190	6,949	8,892	10,000	10,000	10,000	10,000	10,000	10,000	
Water Property Rent	65.44720	34,015	47,399	50,000	50,000	50,000	50,000	50,000	50,000	
Other Water Revenue	65.44740	13,853	16,032	2,000	2,000	2,000	2,000	2,000	2,000	
Interest on LTD	65.771 54270	-13,024	0							
Amortization of note discount	65.771 54280	-4,818	0							
Improvements to facilities of others	65.761 56820	0	0							
Sub-total non-operating Income (Expenses)		36,975	72,323	62,000	62,000	62,000	62,000	62,000	62,000	0.0%
Income before Capital Contributions		443,300	6,258	14,800	14,800	292,448	195,900	174,500	174,500	
Retained Earnings , Beginning		572,961	1,138,713	1,138,713	1,138,713	1,384,763	1,908,461	1,908,461	1,908,461	
Invested in capital assets transfer		122,452	0	231,250	231,250	231,250	153,300	153,300	153,300	
Retained Earnings - Ending		1,138,713	1,144,971	1,384,763	1,384,763	1,908,461	2,257,661	2,236,261	2,236,261	
Capital Contributions	65.44990	2,782,908	9,646,520	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	
Depreciation - CIAC	65.761 54031	-279,542	-328,564	-300,000	-300,000	-300,000	-300,000	-300,000	-300,000	
Invested in capital assets transfer		-122,452	0	-231,250	-231,250	-231,250	-153,300	-153,300	-153,300	
		2,380,914	9,317,956	968,750	968,750	968,750	1,046,700	1,046,700	1,046,700	
Invested in Capital Assets - Beginning		26,884,902	29,265,816	29,265,816	29,265,816	30,234,566	31,203,316	31,203,316	31,203,316	
Invested in Capital Assets - Ending		\$29,265,816	\$38,583,772	\$30,234,566	\$30,234,566	\$31,203,316	\$32,250,016	\$32,250,016	\$32,250,016	
Total Net Assets - Ending		\$30,404,529	\$39,728,744	\$31,619,329	\$31,619,329	\$33,111,777	\$34,507,677	\$34,486,277	\$34,486,277	